

1-17-89
12-3-8 v. 4



Ashgrove/Fox
343-7116

R & W ENGINEERING INC.
6415 S.W. CANYON COURT, SUITE 100
PORTLAND, OREGON 97221

JANUARY 17, 1989

RE: ASHGROVE CEMENT WEST, INC.
ELECTRICAL REMODEL 1989
SEATTLE, WA.

R & W FAX
503-297-8376

ATTENTION: MR. HARRY REAMER, PRINCIPAL

DEAR MR. REAMER,

THANK YOU FOR YOUR RETURN TELEPHONE CALL THIS AFTERNOON.
AS WE DISCUSSED, MIDLAND ELECTRIC HAS LOST FIVE WORKING
DAYS TRYING TO REACH MR. WIRFS. OUR NEED TO DISCUSS
THE TECHNICAL TOPICS FOR THE REFERENCED PROJECT IS NOW
CRITICAL TO RELEASING MATERIAL ORDERS.

THE FOLLOWING QUESTIONS WERE TELEPHONED TO YOUR MR. DON
EVANS ON 12 JANUARY, 1989:

1. 2000 AMPERE W SWITCHBOARD - HOW MANY SECTIONS AND WHAT
IS THE WEIGHT OF EACH SECTION.

12. SHIPPING DATE CONFIRMATIONS WITH DESIGNATED CARRIER ARE
REQUIRED FOR THE W SWITCHBOARD AND THE S & C 5 KV SWITCH.

3. IS A HOUSEKEEPING PAD REQUIRED UNDER THE W 2000 AMPERE
SWITCHBOARD. ALL OTHER PADS ARE DETAILED.

4. MIDLAND DESIRES TO REROUTE 4" C SUBFEED FROM THE W
2000 AMPERE SWITCHBOARD TO THE WEST MCC WHICH FEEDS THE
150 H.P. CEMENT PUMP THROUGH THE TUNNEL/MANWAY BELOW THE
SILOS.

5. DELETED

6. SPECIFICATION SECTION 16111-4, PART 3-EXECUTION; 3.1
PENETRATIONS: PARA. A., ITEM 3. - ALL HOLES HAVE BEEN
LAYED OUT AND REQUIRE YOUR APPROVAL BEFORE WE CORE DRILL.

7. SPECIFICATION SECTION 16450-3.2, PART C.-FEEDERS AND
BRANCH CIRCUITS - PLANS SHOW SPECIFIC FEEDERS WITH GROUND
WIRES. COULD YOU EXPLAIN YOUR INTENTIONS WITH REGARD TO
THE LISTED SPEC.. NOT NEEDED

8. SPECIFICATION SECTION 16461-3.3, - MIDLAND
DESIRES TO USE A SINGLE 112 1/2 KVA XMFR IN PLACE OF THE 3
- 37 1/2 KVA XMFR'S. OK TO USE STANDARD 112 1/2 KVA

9. SPECIFICATION SECTION 16476 ENCLOSED CIRCUIT BREAKERS;
PART 2-PRODUCTS, 2.3 CONFIGURATION, B. - THE 240 VOLT 400
AMPERE CIRCUIT BREAKERS ARE NOT AVAILABLE WITH NOT NECESSARY

USEPA SF



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PAGE 2, R&W ENGINEERING

INTERCHANGEABLE TRIP UNITS. DO YOU DESIRE A STANDARD BREAKER.

MT. WADE
you can ✓ 10. ELECTRICAL DWG. E 5 - MIDLAND ELECTRIC DESIRES TO LOCATE THE 200 AMPERE DISCONNECT TO THE RIGHT SIDE OF THE EXISTING BUSS GUTTER AND IN FRONT OF TWO EXISTING BR. CCT. CONDUITS.

11. DELETED

o.k. ✓ ELEVATION B/E8 - MIDLAND ELECTRIC DESIRES TO REROUTE THE 5 KV CABLE IN REVERSE OF WHAT IS SHOWN. THE CABLE BEING AT THE HIGH POINT TO THE EAST SILO RATHER THAN THE WEST SILO.

o.k. 12. ELECTRICAL DWG. E 9 - MIDLAND ELECTRIC DESIRES TO REUSE THE 3" CONDUIT FROM THE SHRINKWRAP MACHINE TO THE EXISTING CONDULET ON THE SOUTH WALL OF THE EXISTING RAIL SHED. WE WILL REMOVE THE CONDULET AND INSTALL A NEMA 12 PULL BOX AND RUN 4" C TO THE 480V SWITCHBOARD.

o.k. ✓ ELEVATION A/E9 - DELETE THE STACKED 3 - 37 1/2 KVA TRANSFORMERS AND INSTALL A SINGLE 112 1/2 KVA TRANSFORMER WITH THE SAME VOLTAGE CONFIGURATION. OK TO SUBSTITUTE

o.k. 13. ✓ MIDLAND DESIRES TO SUBSTITUTE AND USE ALL ONE MANUFACTURER FOR THE PANELBOARDS, TRANSFORMERS AND ENCLOSED CIRCUIT BREAKERS. ie., I.T.E. OR SQUARE D.

14. SUBMITTALS, AND SCHEDULE OF VALUES TO FOLLOW.

Rec'd
PLEASE ADVISE US WHEN YOU WILL BE ON JOB SITE SO WE CAN MEET WITH YOU!

SINCERELY,


E. JAMES LONG

CC: ASHGROVE/RONE

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